



Alex Bisaillion

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Education

B.Sc. Computer Science; Minor: Mathematics
Carleton University, Ottawa, ON
3rd year standing, 11.70/12.00 GPA
Expected graduation date: December 2020

Awards

- Juniper Networks Engineering Scholarship
- Dean's List

Technical Skills

Object Oriented Software Development

- Java, C#, JavaFX, Swing, .NET

Web Development

- JavaScript, Node.js, ReactJS, HTML5, CSS3

Tools and Additional Languages

- Git, Ubuntu, JUnit, Selenium, Maven
- Python, C, C++

Work Experience

Teaching Assistant

July 2017 – April 2018, January 2019 – April 2019

Carleton University School of Computer Science – Ottawa, ON

September 2019 – Present

- Help students build fundamental web development skills in JavaScript and object oriented programming skills in Java through teaching tutorial classes and hosting weekly office hours
- Develop highly accurate and readable solution sets to the weekly tutorial exercises
- Evaluate students' work in assignments, midterms, and tests in a timely fashion
- Nominated for an Outstanding TA Award for the 2018 school year

Application Developer Co-op

September 2018 – December 2018,

Kinaxis – Ottawa, ON

April 2019 – August 2019

- Contributed to Kinaxis' RapidReponse product to increase usability for the end user and secure the product from an internal standpoint through server and client side development
- Decoupled RapidResponse from a third party library through development of a new API to abstract library usage, leading to vast improvements in product performance and reductions in upkeep costs
- Tackled defects in the product to improve the user experience in collaboration with members of the product verification team
- Actively participated in agile software development practices through daily standup meetings, sprint planning and retrospectives, demonstrations, and code reviews

Software Developer

InGenius Software – Ottawa, ON

April 2018 – August 2018

- Worked within the automation team to automate testing of the InGenius Connector Enterprise product through translation of manual tests into automated tests
- Contributed new functionality to the automation framework to facilitate the output of automated tests

Applied Projects

Personal Website

- Node.js Express server that houses live updates of music listening habits through the Spotify API
- Client-side written with ReactJS using HTML5 and CSS3
- Deployed to Heroku at alexbisaillion.me
- Source code available on [GitHub](https://github.com/alexbisaillion)

Local Music Manager

- Manages a music library through Python scripting to the iTunes COM interface
- Handles archive extraction, file tagging, and file I/O in Java
- User interface implemented with JavaFX
- Source code available on [GitHub](https://github.com/alexbisaillion)